

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of  
Inventor(s): Mills

Group Art Unit: 1745

App'n Ser. No.: 09/110,678

Examiner(s): Kalafut for the  
*Secret Committee*

Filing Date: 07/07/1998

Title: INORGANIC HYDROGEN COMPOUNDS AND APPLICATIONS THEREOF

January 28, 2005

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached are PTO/SB/O8B forms listing the enclosed documents. Copies of the enclosed documents are attached to this Information Disclosure Statement and/or to the Attachments to the Response filed herewith.

This information disclosure is being filed concurrently with a Request for Continued Examination and thus is timely filed and should be considered in its entirety.

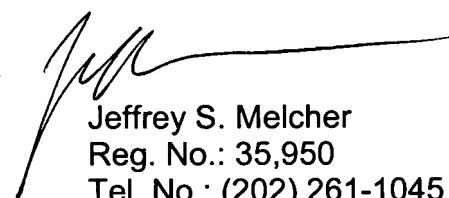
This information disclosure statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully. Consideration of the foregoing and enclosures plus the return of a copy of the herewith PTO/SB/08A and B forms with the

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Page 2 of 2

Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

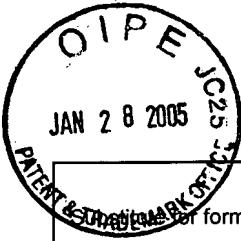
Respectfully submitted,  
Manelli Denison & Selter PLLC

By



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Customer No. 20736



				<b>Complete if Known</b>	
				Application Number	09/110,678
				Filing Date	07/07/1998
				First Named Inventor	Mills
				Group Art Unit	1745
				Examiner Name	Kalafu
Sheet	1	of	2	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	102	R. L. Mills, "Exact Classical Quantum Mechanical Solutions for One- through Twenty-Electron Atoms," Phys. Essays, submitted. ( <i>Web Publication Date: April 22, 2004.</i> )			
	103	R. L. Mills, Dhandapani, W. Good, J. He, "New States of Hydrogen Isolated from K <sub>2</sub> CO <sub>3</sub> Electrolysis Gases," Journal of Electroanalytical Chemistry, submitted. ( <i>Web Publication Date: April 28, 2004.</i> )			
	104	R. L. Mills, Y. Lu, M. Nansteel, J. He, A. Voigt, W. Good, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Division of Fuel Chemistry, Session: Advances in Hydrogen Energy, 228th American Chemical Society National Meeting, August 22–26, 2004, Philadelphia, PA.			
	105	J. Phillips, C. K. Chen, R. L. Mills, "Evidence of Catalytic Production of Hot Hydrogen in RF-Generated Hydrogen/Argon Plasmas," IEEE Transactions on Plasma Science, submitted.			
	106	R. L. Mills, "Exact Classical Quantum Mechanical Solution for Atomic Helium Which Pre-Conjugate Parameters from a Unique Solution for the First Time," submitted. ( <i>Publication Date: July 30, 2004.</i> )			
	107	R. L. Mills, "Maxwell's Equations and QED: Which is Fact and Which is Fiction," submitted. ( <i>Web Publication Date: August 6, 2004.</i> )			

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	2	of	2	Attorney Docket Number	
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**Complete if Known**

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First Named Inventor	Mills
Group Art Unit	1745
Examiner Name	Kalafut

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	S	Souw, Bernard, "Coherent Telescope array with self-homodyne interferometric detection for optical communications," Opt. Eng. 42(11) 3139-3157 (Nov. 2003); U.S. Department of Commerce, Summary of Ethics Rules, USPT, 2000 (Attachment S)	
	94	R. L. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," Physics Essays, in press. Attachment 94	
	81	R. Mills, P. Ray, B. Dhandapani, W. Good, P. Jansson, M. Nansteel, J. He, A. Voigt, "Spectroscopic and NMR Identification of Novel Hydride Ions in Fractional Quantum Energy States Formed by an Exothermic Reaction of Atomic Hydrogen with Certain Catalysts," European Physical Journal: Applied Physics, 28, (2004), 83–104. (Web Publication Date: Feb. 21, 2003.) Attachment 81	
	77	J. Phillips, R. L. Mills, X. Chen, "Water Bath Calorimetric Study of Excess Heat in 'Resonance Transfer' Plasmas," J. Appl. Phys., Vol. 96, No. 6, (2004) 3095–3102 (Web Publication Date: June 16, 2003.) Attachment 77	
	69	R. L. Mills, J. Sankar, A. Voigt, J. He, B. Dhandapani, "Spectroscopic Characterization of the Atomic Hydrogen Energies and Densities and Carbon Species During Helium-Hydrogen-Methane Plasma CVD Synthesis of Diamond Films," Chemistry of Materials, Vol. 15, (2003), pp. 1313-1321. Attachment 69	
	58	R. L. Mills, "Classical Quantum Mechanics," Physics Essays, in press. Attachment 58	

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